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(21) Int. Application Number: PCT/US00/07168 (22) Int. Filing Date: 17 March 2000 (17.03.2000) (30) Priority Data 09/271,597 Filed on 17 March 1999 US (17.03.1999) (71) Applicant: THE MICROOPTICAL CORPORATION 33 Southwest Park, Westwood, MA 02090 ; (US). [US/US]. (72) Inventor SPITZER, Mark, B. 5 Mink Trap Lane, Sharon, MA 02067 ; (US). (74) Agent: HJORTH, Beverly, E. Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 ; (US).		(81) Designated States: JP ; European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE) Published <i>With international search report.</i>
(54) COMPACT IMAGE DISPLAY SYSTEM FOR EYEGLASSES OR OTHER Title: HEAD-BORNE FRAMES (57) Abstract A head-mountable image display system provides an image to a user's eye separate from ambient light. The system includes an optical relay (2026) having an optical pathway to receive light from a display element. The optical relay also permits passage of ambient light toward the user's eye. An eyepiece assembly (2028) is disposed to redirect light on the optical pathway to the user's eye. The system is highly compact, allowing the integration of the display system with eyeglasses, a face mask, such as a <i>diver's</i> mask, a head set, or the like.		

